ELSEVIER

Available online at www.sciencedirect.com

SCIENCE DIRECT®

Chemical Physics Letters 368 (2003) 780–792

CHEMICAL PHYSICS LETTERS

www.elsevier.com/locate/cplett

Author Index to Volume 368

Abel, B., S.Y. Grebenshchikov, R. Schinke and D. Schwarzer, Comment on 'Rate coefficients for photoinitiated NO_2 unimolecular decomposition: energy dependence in the threshold regime' [Chem. Phys. Lett. 358 (2002) 71] 368 (2003) 252
Abramavicius, D., V. Gulbinas and L. Valkunas, Acceleration of charge separation by oscillations of the environment polarization 368 (2003) 480
Abronin, I.A., I.K. Vorontsova and I.D. Mikheikin, Electronic states of s,p atoms in strong nonuniform electric fields 368 (2003) 523
Aizawa, M. and M.S.P. Shaffer, Silylation of multi-walled carbon nanotubes 368 (2003) 121
Alexandrou, I., see Sano, N. 368 (2003) 331
Allouche, A., see Raunier, S. 368 (2003) 594
Allouche, A., see Ferro, Y. 368 (2003) 609
Al Shamery, K., see Balzer, F. 368 (2003) 307
Amaratunga, G.A.J., see Sano, N. 368 (2003) 331
Andersson, R., see Gador, N. 368 (2003) 202
Arai, H., see Fujikawa, T. 368 (2003) 147
Asahi, T., see Suzuki, M. 368 (2003) 384
Ashman, C., S.N. Khanna and M.R. Pederson, Hydrogen absorption and magnetic moment of Ni_n clusters 368 (2003) 257
Asselberghs, I., K. Clays, A. Persoons, A.M. McDonagh, M.D. Ward and J.A. McCleverty, In situ reversible electrochemical switching of the molecular first hyperpolarizability 368 (2003) 408
Aswal, V.K. and P.S. Goyal, Role of different counterions and size of micelle in concentration dependence micellar structure of ionic surfactants 368 (2003) 59
Auer, A.A., J. Gauss and M. Pecul, Full configuration-interaction and coupled-cluster calculations of the indirect spin–spin coupling constant of BH 368 (2003) 172
Aycard, J.P., see Raunier, S. 368 (2003) 594
Aycard, J.P., see Guennoun, Z. 368 (2003) 574

Balzer, F., K. Al Shamery, R. Neuendorf and H.-G. Rubahn, Nonlinear optics of hexaphenyl nanofibers 368 (2003) 307
Barysz, M. and P. Pyykkö, Strong chemical bonds in heavy diatomics: PtSi, PtTh and $AuTh^+$ 368 (2003) 538
Bates, M.A., Computer simulation studies of nematic liquid crystal tactoids 368 (2003) 87
Bellm, S.M. and W.D. Lawrance, The binding energy of Ar to *p*-difluorobenzene–Ar. How large are three-body effects in *p*-difluorobenzene–Ar_2? 368 (2003) 542
Billing, G.D., see Coletti, C. 368 (2003) 289
Bowman, J.M., see Zou, S. 368 (2003) 421

0009-2614/03/$ - see front matter © 2003 Elsevier Science B.V. All rights reserved.
doi:10.1016/S0009-2614(03)00012-5

Branchadell, V., see Solans-Monfort, X. 368 (2003) 242
Brutschy, B., see Jarzęba, W. 368 (2003) 680
Bryant, G.W., see Xie, R.-H. 368 (2003) 486
Buntinx, G., see Burdzinski, G. 368 (2003) 745
Burdzinski, G., A. Maciejewski, G. Buntinx, O. Poizat and C. Lefumeux, Nature of the S_2-state quenching process of benzopyranthione by hydrocarbon solvents measured by pico- and femtosecond laser spectroscopy 368 (2003) 745
Burgers, P.C., see Heydorn, L.N. 368 (2003) 584
Burghardt, I., see Worth, G.A. 368 (2003) 502

Cai, X., M. Hara, K. Kawai, S. Tojo and T. Majima, Properties of chrysene in the higher triplet excited state 368 (2003) 365
Camalet, S., see Lehmann, J. 368 (2003) 282
Campos-Martínez, J., see Hernández-Lamoneda, R. 368 (2003) 709
Cao, H., see Xie, X.-G. 368 (2003) 195
Catalán, J. and C. Díaz, First reported evidence that solvent polarity induces an $^1L_b \leftrightarrow {}^1L_a$ inversion in the indole chromophore 368 (2003) 717
Celebre, G. and G. De Luca, The orientational behaviour of 1,4-difluorobenzene and *p*-benzoquinone in ZLI1132 and EBBA nematic solvents 368 (2003) 359
Chakravorti, S., see Panja, S. 368 (2003) 27
Chakravorti, S., see Panja, S. 368 (2003) 654
Chandra, A.K., see Urata, S. 368 (2003) 215
Che, R., L.-M. Peng, S. Zhang and Z. Sun, Energetics of high temperature dimer desorption and reconstruction at the end of small zigzag carbon nanotubes 368 (2003) 20
Chen, X.L., see Jian, J.K. 368 (2003) 416
Cheng, M.-F. and W.-K. Li, A computational study of the Diels–Alder reactions involving acenes: reactivity and aromaticity 368 (2003) 630
Chhowalla, M., see Sano, N. 368 (2003) 331
Chiavassa, T., see Raunier, S. 368 (2003) 594
Cho, J.-J., see Han, Y.-K. 368 (2003) 601
Choi, Y.G., B.J. Park, K.H. Kim and J. Heo, Crossrelaxations between and multi-phonon relaxation of near-infrared excited states of Pr^{3+} ions in selenide glasses 368 (2003) 625
Chowdhury, P., see Panja, S. 368 (2003) 27
Chowdhury, P., see Panja, S. 368 (2003) 654
Chuev, G.N. and N. Russo, Density functional theory of bipolarons in polar liquids 368 (2003) 53
Clays, K., see Asselberghs, I. 368 (2003) 408
Coletti, C. and G.D. Billing, Quantum dressed classical mechanics: application to the photo-absorption of pyrazine 368 (2003) 289
Couturier-Tamburelli, I., see Guennoun, Z. 368 (2003) 574
Cui, Q.L., see Ma, H.A. 368 (2003) 668
Czarnecki, M.v.A., Near-infrared spectroscopic study of self-association of octanoic acid 368 (2003) 115

Das, K.K., see Giri, D. 368 (2003) 465
Daub, J., see Toele, P. 368 (2003) 66
Debnath, R., see Sahoo, R. 368 (2003) 769
Dei, A., D. Gatteschi, C. Sangregorio, L. Sorace and M.G.F. Vaz, HF-EPR to monitor electron transfer in mixed valence dioxolene metal complexes 368 (2003) 162

De Luca, G., see Celebre, G. 368 (2003) 359
Deng, Y., G.-D. Wei and C.-W. Nan, Ligand-assisted control growth of chainlike nanocrystals 368 (2003) 639
De Paëpe, G., D. Sakellariou, P. Hodgkinson, S. Hediger and L. Emsley, Heteronuclear decoupling in NMR of Liquid Crystals using continuous phase modulation 368 (2003) 511
Díaz, C., see Catalán, J. 368 (2003) 717
Ding, S., P.-H. Liu and Y.-W. Hong, Long time tail effect in liquid state NMR spectroscopy 368 (2003) 338
Dlott, D.D., see Wang, S. 368 (2003) 189
Dovesi, R., see Mérawa, M. 368 (2003) 7
Dragoe, N., see Xiao, L. 368 (2003) 738

Eikerling, M., S.J. Paddison, L.R. Pratt and T.A. Zawodzinski Jr., Defect structure for proton transport in a triflic acid monohydrate solid 368 (2003) 108
Eland, J.H.D., see Kinugawa, T. 368 (2003) 276
El-Hami, K. and K. Matsushige, Covering single walled carbon nanotubes by the poly(VDF–co–TrFE) copolymer 368 (2003) 168
Eliasson, B., see Wang, J. 368 (2003) 313
Emsley, L., see De Paëpe, G. 368 (2003) 511
Emwas, A.H., see Mattar, S.M. 368 (2003) 724

Fang, G., see Qu, S. 368 (2003) 352
Fang Zhao, J. and Q. Shu Li, Structures and kinetic stability of N_7 cluster 368 (2003) 12
Feng, Y.S., see Zhu, R. 368 (2003) 696
Ferro, Y., F. Marinelli and A. Allouche, Density functional theory investigation of the diffusion and recombination of H on a graphite surface 368 (2003) 609
Fu, G.H., see Zhu, R. 368 (2003) 696
Fujikawa, T. and H. Arai, Importance of radiation field screening in XPS and XAFS spectra 368 (2003) 147
Fukuzumi, S., see Ohta, N. 368 (2003) 230

Gador, N., B. Zhang, R. Andersson, P. Johansson and T. Hansson, Coherent multichannel nonadiabatic dynamics and parallel excitation pathways in the blue-violet absorption band of Rb_2 368 (2003) 202
Gao, Y., see Qu, S. 368 (2003) 352
Gatteschi, D., see Dei, A. 368 (2003) 162
Gauss, J., see Auer, A.A. 368 (2003) 172
Gelize-Duvignau, M., see Mérawa, M. 368 (2003) 7
Ghosh, S., C. Stuart, A. Ozarowski, A. Misra and A. Maki, ODMR of the photoexcited triplet state of donor–acceptor complexes of naphthalene donor with pyromellitic dianhydride, 1,2,4,5-tetracyanobenzene, and 1,3,5-trinitrobenzene acceptors 368 (2003) 495
Giri, D. and K.K. Das, A–X transition of SnO^+: a theoretical study 368 (2003) 465
Glasbeek, M., see Toele, P. 368 (2003) 66
Gordon, M.S., see Varganov, S.A. 368 (2003) 778
Goyal, P.S., see Aswal, V.K. 368 (2003) 59
Grebenshchikov, S.Y., see Abel, B. 368 (2003) 252

Guennoun, Z., I. Couturier-Tamburelli, N. Piétri and J.P. Aycard, UV photoisomerisation of cyano and dicyanoacetylene: the first identification of CCNCH and CCCNCN isomers – matrix isolation, infrared and ab initio study 368 (2003) 574
Gulbinas, V., see Abramavicius, D. 368 (2003) 480
Guo, Q., see Xiao, W. 368 (2003) 527

Hahn, Y.B., see Kim, T.H. 368 (2003) 36
Halas, N.J., see Prodan, E. 368 (2003) 94
Hamilton, I.P., see Li, G.P. 368 (2003) 236
Han, K.-L., see Wang, J.-H. 368 (2003) 139
Han, Y.-K., J. Jung, J.-J. Cho and H.-J. Kim, Determination of the oxidation potentials of organic benzene derivatives: theory and experiment 368 (2003) 601
Hanf, A., A. Läuter and H.-R. Volpp, Absolute chlorine atom quantum yield measurements in the UV and VUV gas-phase laser photolysis of CCl_4 368 (2003) 445
Hänggi, P., see Lehmann, J. 368 (2003) 282
Hansen, N., A.M. Wodtke, A.V. Komissarov and M.C. Heaven, Photodissociation dynamics of ClN_3 at 203 nm: the NCl ($a^1\Delta/X^3\Sigma^-$) product branching ratio 368 (2003) 568
Hansson, T., see Gador, N. 368 (2003) 202
Hara, M., see Cai, X. 368 (2003) 365
Havenith, M., see Pörtner, N. 368 (2003) 458
Haymet, A.D.J., see Heneghan, A.F. 368 (2003) 177
He, M., see Jian, J.K. 368 (2003) 416
He, G.-Z., see Wang, J.-H. 368 (2003) 139
Heaven, M.C., see Hansen, N. 368 (2003) 568
Hediger, S., see De Paëpe, G. 368 (2003) 511
Heneghan, A.F. and A.D.J. Haymet, Liquid-to-crystal heterogeneous nucleation: bubble accelerated nucleation of pure supercooled water 368 (2003) 177
Heo, J., see Choi, Y.G. 368 (2003) 625
Hernández, M.I., see Hernández-Lamoneda, R. 368 (2003) 709
Hernández-Lamoneda, R., M.I. Hernández and J. Campos-Martínez, A new singlet ab initio potential energy surface for studying vibrational relaxation in $O_2(v) + O_2$ collisions 368 (2003) 709
Heydorn, L.N., P.C. Burgers, P.J.A. Ruttink and J.K. Terlouw, Generation of the elusive methyl dioxophosphorane molecule, $CH_3P(=O)_2$, by delayed dissociation of selected precursors 368 (2003) 584
Hirao, K., see Qu, S. 368 (2003) 352
Ho, C.K.F., see Zhang, Q.Y. 368 (2003) 183
Hodgekins, A.M., see Kinugawa, T. 368 (2003) 276
Hodgkinson, P., see De Paëpe, G. 368 (2003) 511
Hodošček, M., see Lesar, A. 368 (2003) 399
Hong, Y.-W., see Ding, S. 368 (2003) 338
Hori, S., see Shimizu, H. 368 (2003) 132
Hoshino, M., see Makochekanwa, C. 368 (2003) 82
Huang, R.-B., see Jiang, Z.-Y. 368 (2003) 425
Hultman, L., see Jensen, J.A.D. 368 (2003) 732

Ignatyev, I.S., F. Partal and J.J. López González, Condensation reactions in silanol–water clusters 368 (2003) 616

Im, Y.H., see Kim, T.H. 368 (2003) 36
Imahori, H., see Ohta, N. 368 (2003) 230
Ishii, K., see Saitow, K. 368 (2003) 209
Iwaki, Y., see Ohta, N. 368 (2003) 230
Iwamoto, M., see Yamamoto, T. 368 (2003) 370
Iwasa, Y., see Xiao, L. 368 (2003) 738

Jamorski Jödicke, C. and H.-P. Lüthi, A time-dependent density-functional theory investigation of the fluorescence behavior of related cyano and di-cyano isomers of 4-(*N*,*N*-dimethylamino) benzonitrile 368 (2003) 561
Janssen, M.H.M., see van den Brom, A.J. 368 (2003) 324
Jarzęba, W., V.V. Matylitsky, C. Riehn and B. Brutschy, Rotational coherence spectroscopy of jet-cooled molecules by femtosecond degenerate four-wave mixing: non-rigid symmetric and asymmetric tops 368 (2003) 680
Jeener, J., Comment on 'Multiple quantum coherences in liquid state NMR and nonlinear optics: collective vs local origin' [Chem. Phys. Lett. 357 (2002) 327] 368 (2003) 247
Jensen, J.A.D., P. Pocwiardowski, P.O.Å. Persson, L. Hultman and P. Møller, Acoustic streaming enhanced electrodeposition of nickel 368 (2003) 732
Jia, X., see Ma, H.A. 368 (2003) 668
Jian, J.K., X.L. Chen, M. He, W.J. Wang, X.N. Zhang and F. Shen, Large-scale GaN nanobelts and nanowires grown from milled Ga_2O_3 powders 368 (2003) 416
Jiang, Z.-Y., Z.-X. Xie, S.-Y. Xie, X.-H. Zhang, R.-B. Huang and L.-S. Zheng, High purity trigonal selenium nanorods growth via laser ablation under controlled temperature 368 (2003) 425
Jiang, X., see Qu, S. 368 (2003) 352
Johansson, P., see Gador, N. 368 (2003) 202
Jung, J., see Han, Y.-K. 368 (2003) 601

Kang, H.-D., see Kim, D.-H. 368 (2003) 439
Kanki, T., see Sano, N. 368 (2003) 331
Kar, S., see Nath, M. 368 (2003) 690
Katzer, G. and A.F. Sax, A novel partition function for partially asymmetrical internal rotation 368 (2003) 473
Kawaguchi, K., see Wang, Z. 368 (2003) 663
Kawai, K., see Cai, X. 368 (2003) 365
Kawamura, Y. and H. Nakai, Energy density analysis of internal methyl rotations in halogenated toluenes 368 (2003) 673
Kawate, H., see Makochekanwa, C. 368 (2003) 82
Khanna, S.N., see Ashman, C. 368 (2003) 257
Kim, D.-H., H.-S. Yang, H.-D. Kang and H.-R. Lee, Novel emission degradation behavior of patterned carbon nanotubes by field emission 368 (2003) 439
Kim, K.H., see Choi, Y.G. 368 (2003) 625
Kim, H.-J., see Han, Y.-K. 368 (2003) 601
Kim, T.H., Y.H. Im and Y.B. Hahn, Plasma enhanced chemical vapor deposition of low dielectric constant SiCFO thin films 368 (2003) 36
Kim, S.K., see Lee, K.T. 368 (2003) 262
Kimura, K., see Wang, Z. 368 (2003) 663
Kimura, M., see Makochekanwa, C. 368 (2003) 82

Kinugawa, T., A.M. Hodgekins and J.H.D. Eland, A curious regularity in the dissociative photoionization of fluorinated benzenes: why do $C_6F_6^+$ and $C_6H_6^+$ dissociate so differently? 368 (2003) 276
Kitajima, M., see Makochekanwa, C. 368 (2003) 82
Kitazawa, K., see Xiao, L. 368 (2003) 738
Klobukowski, M., see Lovallo, C.C. 368 (2003) 589
Kobayashi, T., see Xiao, L. 368 (2003) 738
Kohler, S., see Lehmann, J. 368 (2003) 282
Komissarov, A.V., see Hansen, N. 368 (2003) 568
Koshizaki, N., see Wang, Z. 368 (2003) 663
Krasnikov, S.A., see Preobrajenski, A.B. 368 (2003) 125
Kubát, P., see Zelinger, Z. 368 (2003) 532
Kume, T., see Shimizu, H. 368 (2003) 132
Kunkely, H. and A. Vogler, Excited state properties of a copper(I) benzene complex. Emission from a metal-to-ligand charge transfer state 368 (2003) 49

Laubschat, C., see Preobrajenski, A.B. 368 (2003) 125
Laura Lipciuc, M., see van den Brom, A.J. 368 (2003) 324
Läuter, A., see Hanf, A. 368 (2003) 445
Lawrance, W.D., see Bellm, S.M. 368 (2003) 542
Leavitt, A.J., see Wallace, W.T. 368 (2003) 774
Lee, K.T., J. Sung, K.J. Lee, S.K. Kim and Y.D. Park, Conformation-dependent ionization of L-phenylalanine: structures and energetics of cationic conformers 368 (2003) 262
Lee, K.J., see Lee, K.T. 368 (2003) 262
Lee, H.-R., see Kim, D.-H. 368 (2003) 439
Lefumeux, C., see Burdzinski, G. 368 (2003) 745
Lehmann, J., S. Camalet, S. Kohler and P. Hänggi, Laser controlled molecular switches and transistors 368 (2003) 282
Lerš, N., see Randič, M. 368 (2003) 1
Lesar, A., S. Prebil, M. Mühlhäuser and M. Hodošček, Conformational potential energy surface of BrOONO 368 (2003) 399
Li, Y., see Zhu, R. 368 (2003) 696
Li, C.-X., see Lu, G.-W. 368 (2003) 269
Li, Z., see Wang, J.-H. 368 (2003) 139
Li, W.-K., see Cheng, M.-F. 368 (2003) 630
Li, W.Z., J.G. Wen, M. Sennett and Z.F. Ren, Clean double-walled carbon nanotubes synthesized by CVD 368 (2003) 299
Li, L.-X., see Lu, G.-W. 368 (2003) 269
Li, G.P. and I.P. Hamilton, The HF_2^-–$(H_2O)_2$ complex: a theoretical study 368 (2003) 236
Liew, C.C. and M. Mikami, A coarse-grained model for particle dynamics simulations of complex fluids 368 (2003) 346
Liu, B.B., see Ma, H.A. 368 (2003) 668
Liu, H.J., see Ma, H.A. 368 (2003) 668
Liu, C., see Wang, J. 368 (2003) 313
Liu, J., see Ma, H.A. 368 (2003) 668
Liu, P.-H., see Ding, S. 368 (2003) 338
Llunell, M., see Mérawa, M. 368 (2003) 7
López, G.E., see Ortiz, V. 368 (2003) 452

López González, J.J., see Ignatyev, I.S. 368 (2003) 616
Lovallo, C.C. and M. Klobukowski, Transition metal–noble gas bonding: the next frontier 368 (2003) 589
Lu, S., see Sun, B. 368 (2003) 412
Lu, G.-W., C.-X. Li, W.-C. Wang, Z.-H. Wang, H.-R. Xia, H.-J. Zhang, X.-L. Meng and L.-X. Li, Lattice vibration and absorbance of Er:Yb:YCOB single crystals 368 (2003) 269
Lüthi, H.-P., see Jamorski Jödicke, C. 368 (2003) 561

Ma, H.A., X. Jia, Q.L. Cui, Y.W. Pan, P.W. Zhu, B.B. Liu, H.J. Liu, X.C. Wang, J. Liu and G.T. Zou, Crystal structures of $C_3N_6H_6$ under high pressure 368 (2003) 668
Ma, X., see Xie, D. 368 (2003) 377
Maciejewski, A., see Burdzinski, G. 368 (2003) 745
Majima, T., see Cai, X. 368 (2003) 365
Maki, A., see Ghosh, S. 368 (2003) 495
Makochekanwa, C., H. Kawate, O. Sueoka, M. Kimura, M. Kitajima, M. Hoshino and H. Tanaka, Total and elastic cross-sections of electron and positron scattering from C_3H_4 molecules (allene and propyne) 368 (2003) 82
Manaka, T., see Yamamoto, T. 368 (2003) 370
Marinelli, F., see Raunier, S. 368 (2003) 594
Marinelli, F., see Ferro, Y. 368 (2003) 609
Masuhara, H., see Suzuki, M. 368 (2003) 384
Matsushige, K., see El-Hami, K. 368 (2003) 168
Mattar, S.M. and A.H. Emwas, A tuneable doubly stacked dielectric resonator housed in an intact TE_{102} cavity for electron paramagnetic resonance spectroscopy 368 (2003) 724
Matylitsky, V.V., see Jarzęba, W. 368 (2003) 680
Maury-Evertsz, J.R., see Ortiz, V. 368 (2003) 452
McCleverty, J.A., see Asselberghs, I. 368 (2003) 408
McDonagh, A.M., see Asselberghs, I. 368 (2003) 408
McDowell, S.A.C., A computational study of the HArF...CO dimer 368 (2003) 649
Meng, X.-L., see Lu, G.-W. 368 (2003) 269
Mérawa, M., M. Llunell, R. Orlando, M. Gelize-Duvignau and R. Dovesi, Structural, electronic and elastic properties of some fluoride crystals: an ab initio study 368 (2003) 7
Metiu, H., see Varganov, S.A. 368 (2003) 778
Metropoulos, A., States of the CH_3C radical conducive to the formation of the $C_2H_3O^+$ ion 368 (2003) 701
Mikami, M., see Liew, C.C. 368 (2003) 346
Mikami, S., see Ohta, N. 368 (2003) 230
Mikhaltsevitch, V.T., see Rudakov, T.N. 368 (2003) 644
Mikheikin, I.D., see Abronin, I.A. 368 (2003) 523
Mills, G., see Varganov, S.A. 368 (2003) 778
Misra, A., see Ghosh, S. 368 (2003) 495
Moccia, R. and R. Montuoro, Mixed L^2 basis set: STOs plus B-Splines. Calculation of the differential photoionization cross-section of Li_2 368 (2003) 430
Møller, P., see Jensen, J.A.D. 368 (2003) 732
Molodtsov, S.L., see Preobrajenski, A.B. 368 (2003) 125
Montuoro, R., see Moccia, R. 368 (2003) 430
Mühlhäuser, M., see Lesar, A. 368 (2003) 399
Mukai, K., see Sumi, H. 368 (2003) 547

Mukamel, S., Reply to comment on 'Multiple quantum coherences in liquid state NMR and nonlinear optics; collective vs. local origin' [Chem. Phys. Lett. 357 (2002) 327] 368 (2003) 249
Murase, N., Single-particle spectroscopy of doped nanocrystals at room temperature. Te:CdSe 368 (2003) 76

Naito, M., see Sano, N. 368 (2003) 331
Nakai, H., see Kawamura, Y. 368 (2003) 673
Nakayama, H., see Saitow, K. 368 (2003) 209
Nan, C.-W., see Deng, Y. 368 (2003) 639
Nandy, A. and P. Nandy, On the uniqueness of quantitative DNA difference descriptors in 2D graphical representation models 368 (2003) 102
Nandy, P., see Nandy, A. 368 (2003) 102
Nath, M., S. Kar, A.K. Raychaudhuri and C.N.R. Rao, Superconducting $NbSe_2$ nanostructures 368 (2003) 690
Neuendorf, R., see Balzer, F. 368 (2003) 307
Ngo, N.Q., see Zhang, Q.Y. 368 (2003) 183
Nishikawa, K., see Saitow, K. 368 (2003) 209
Nordlander, P., see Prodan, E. 368 (2003) 94

Ohta, N., S. Mikami, Y. Iwaki, M. Tsushima, H. Imahori, K. Tamaki, Y. Sakata and S. Fukuzumi, Acceleration and deceleration of photoinduced electron transfer rates by an electric field in porphyrin-fullerene dyads 368 (2003) 230
Okamoto, Y., Proton transfer between $C_{20}(OH)_2$ molecules: an ab initio study 368 (2003) 224
Olson, R.M., see Varganov, S.A. 368 (2003) 778
Orlando, R., see Mérawa, M. 368 (2003) 7
Ortiz, V., J.R. Maury-Evertsz and G.E. López, Parallel tempering-cavity-bias algorithm in the Gibbs ensemble 368 (2003) 452
Otake, K., see Saitow, K. 368 (2003) 209
Ozarowski, A., see Ghosh, S. 368 (2003) 495

Paddison, S.J., see Eikerling, M. 368 (2003) 108
Pan, Y.W., see Ma, H.A. 368 (2003) 668
Pang, Y.T., see Zhu, R. 368 (2003) 696
Panja, S., P. Chowdhury and S. Chakravorti, New 1:1:1 complex with *N*-phenyl pyrrole and nano-cavities 368 (2003) 27
Panja, S., P. Chowdhury and S. Chakravorti, Exploring the location and orientation of 4-(*N*, *N*-dimethylamino) cinnamaldehyde in anionic, cationic and non-ionic micelles 368 (2003) 654
Park, B.J., see Choi, Y.G. 368 (2003) 625
Park, Y.D., see Lee, K.T. 368 (2003) 262
Partal, F., see Ignatyev, I.S. 368 (2003) 616
Pecul, M., see Auer, A.A. 368 (2003) 172
Pederson, M.R., see Ashman, C. 368 (2003) 257
Peng, L.-M., see Che, R. 368 (2003) 20
Peng, H., see Sun, B. 368 (2003) 412
Perger, W.F., Calculation of band gaps in molecular crystals using hybrid functional theory 368 (2003) 319
Persoons, A., see Asselberghs, I. 368 (2003) 408

Persson, P.O.Å., see Jensen, J.A.D. 368 (2003) 732
Piétri, N., see Guennoun, Z. 368 (2003) 574
Pita, K., see Zhang, Q.Y. 368 (2003) 183
Plavšić, D., see Randič, M. 368 (2003) 1
Pocwiardowski, P., see Jensen, J.A.D. 368 (2003) 732
Poizat, O., see Burdzinski, G. 368 (2003) 745
Pörtner, N., A.F. Vilesov and M. Havenith, Spontaneous alignment of tetracene molecules in ^{4}He droplets 368 (2003) 458
Pratt, L.R., see Eikerling, M. 368 (2003) 108
Prebil, S., see Lesar, A. 368 (2003) 399
Preobrajenski, A.B., A.S. Vinogradov, S.L. Molodtsov, S.A. Krasnikov, R. Szargan and C. Laubschat, Resonant Auger spectroscopy in solid alkali nitrates as a probe of nuclear motion in the core-excited NO_3^- anion 368 (2003) 125
Prodan, E., P. Nordlander and N.J. Halas, Effects of dielectric screening on the optical properties of metallic nanoshells 368 (2003) 94
Pyykkö, P., see Barysz, M. 368 (2003) 538

Qian, G., Y. Yang, Z. Wang, C. Yang, Z. Yang and M. Wang, Photostability of perylene orange, perylene red and pyrromethene 567 laser dyes in various precursors derived gel glasses 368 (2003) 555
Qiu, J., see Qu, S. 368 (2003) 352
Qu, S., C. Zhao, X. Jiang, G. Fang, Y. Gao, H. Zeng, Y. Song, J. Qiu, C. Zhu and K. Hirao, Optical nonlinearities of space selectively precipitated Au nanoparticles inside glasses 368 (2003) 352

Randič, M., M. Vračko, N. Lerš and D. Plavšić, Novel 2-D graphical representation of DNA sequences and their numerical characterization 368 (2003) 1
Rao, C.N.R., see Nath, M. 368 (2003) 690
Raunier, S., T. Chiavassa, F. Marinelli, A. Allouche and J.P. Aycard, Reactivity of HNCO with NH_3 at low temperature monitored by FTIR spectroscopy: formation of $NH_4^+OCN^-$ 368 (2003) 594
Raychaudhuri, A.K., see Nath, M. 368 (2003) 690
Ren, Z.F., see Li, W.Z. 368 (2003) 299
Riehn, C., see Jarzęba, W. 368 (2003) 680
Rode, M.F. and J. Sadlej, The nonadditive effects in the mixed trimers composed of the water dimer and diatomics H_2, HF, HCl, HBr, and ClF 368 (2003) 754
Rubahn, H.-G., see Balzer, F. 368 (2003) 307
Rudakov, T.N. and V.T. Mikhaltsevitch, Transient effects in nitrogen-14 quadrupolar spin-system with axially symmetric electric field gradient tensor 368 (2003) 644
Russo, N., see Chuev, G.N. 368 (2003) 53
Ruttink, P.J.A., see Heydorn, L.N. 368 (2003) 584

Sadlej, J., see Rode, M.F. 368 (2003) 754
Sahoo, R. and R. Debnath, Long lived photoinduced electron-transfer in (lead, zinc)phosphate glass–C_{60} composites 368 (2003) 769
Saigo, K., see Xiao, L. 368 (2003) 738
Saitow, K., K. Otake, H. Nakayama, K. Ishii and K. Nishikawa, Local density enhancement in neat supercritical fluid due to attractive intermolecular interactions 368 (2003) 209

Sakata, Y., see Ohta, N. 368 (2003) 230
Sakellariou, D., see De Paëpe, G. 368 (2003) 511
Sangregorio, C., see Dei, A. 368 (2003) 162
Sano, N., H. Wang, M. Chhowalla, I. Alexandrou, G.A.J. Amaratunga, M. Naito and T. Kanki, Fabrication of inorganic molybdenum disulfide fullerenes by arc in water 368 (2003) 331
Sasaki, T., see Wang, Z. 368 (2003) 663
Sasaki, S., see Shimizu, H. 368 (2003) 132
Sax, A.F., see Katzer, G. 368 (2003) 473
Schinke, R., see Abel, B. 368 (2003) 252
Schwarzer, D., see Abel, B. 368 (2003) 252
Sennett, M., see Li, W.Z. 368 (2003) 299
Shaffer, M.S.P., see Aizawa, M. 368 (2003) 121
Shen, F., see Jian, J.K. 368 (2003) 416
Shi, N.-H., see Xie, X.-G. 368 (2003) 195
Shi, J.S., see Wu, Z.J. 368 (2003) 153
Shimizu, H., S. Hori, T. Kume and S. Sasaki, Optical microscopy and Raman scattering of a single crystalline argon hydrate at high pressures 368 (2003) 132
Shimizu, Y., see Wang, Z. 368 (2003) 663
Shimotani, H., see Xiao, L. 368 (2003) 738
Shizuka, H., see Yamaji, M. 368 (2003) 41
Shu Li, Q., see Fang Zhao, J. 368 (2003) 12
Smith Jr., V.H., see Xie, R.-H. 368 (2003) 486
Sodupe, M., see Solans-Monfort, X. 368 (2003) 242
Solans-Monfort, X., M. Sodupe and V. Branchadell, Spin-forbidden N_2O dissociation in Cu–ZSM-5 368 (2003) 242
Song, H., see Sun, B. 368 (2003) 412
Song, Y., see Qu, S. 368 (2003) 352
Sorace, L., see Dei, A. 368 (2003) 162
Stuart, C., see Ghosh, S. 368 (2003) 495
Sueoka, O., see Makochekanwa, C. 368 (2003) 82
Sugita, A., see Xiao, L. 368 (2003) 738
Sumi, H. and K. Mukai, Detection of the upper edge of exciton multiplets in the antenna complexes LH1 and LH2 of bacterial photosynthesis, by optical reflection 368 (2003) 547
Sun, Z., see Che, R. 368 (2003) 20
Sun, Z., see Wang, S. 368 (2003) 189
Sun, B., H. Song, J. Wang, H. Peng, X. Zhang, S. Lu, J. Zhang and H. Xia, Light-induced change of charge transfer band in one europium doped aluminosilicate glass 368 (2003) 412
Sung, J., see Lee, K.T. 368 (2003) 262
Suzuki, M., T. Asahi, K. Takahashi and H. Masuhara, Ultrafast dynamics of photoinduced ring-opening and the subsequent ring-closure reactions of spiro-oxazines in crystalline state 368 (2003) 384
Szargan, R., see Preobrajenski, A.B. 368 (2003) 125

Takada, A., see Urata, S. 368 (2003) 215
Takahashi, S., see Zhang, Q.Y. 368 (2003) 183
Takahashi, K., see Suzuki, M. 368 (2003) 384
Takayanagi, T., A CASPT2 study of the doublet potential energy surface for the $CH(X^2\Pi) + N_2(X^1\Sigma_g^+)$ reaction 368 (2003) 393

Tamaki, K., see Ohta, N. 368 (2003) 230
Tanaka, H., see Makochekanwa, C. 368 (2003) 82
Terlouw, J.K., see Heydorn, L.N. 368 (2003) 584
Tobita, S., see Yamaji, M. 368 (2003) 41
Toele, P., H. Zhang, C. Trieflinger, J. Daub and M. Glasbeek, Femtosecond fluorescence upconversion study of a boron dipyrromethene dye in solution 368 (2003) 66
Tojo, S., see Cai, X. 368 (2003) 365
Trieflinger, C., see Toele, P. 368 (2003) 66
Tsushima, M., see Ohta, N. 368 (2003) 230

Uchimaru, T., see Urata, S. 368 (2003) 215
Ueda, S., see Yamaji, M. 368 (2003) 41
Urata, S., A. Takada, T. Uchimaru and A.K. Chandra, Rate constants estimation for the reaction of hydrofluorocarbons and hydrofluoroethers with OH radicals 368 (2003) 215

Valkunas, L., see Abramavicius, D. 368 (2003) 480
van den Brom, A.J., M. Laura Lipciuc and M.H.M. Janssen, The correlation between $I(^2P_{3/2})/I(^2P_{1/2})$ branching and CH_3 rotation in photolysis of single quantum state-selected CH_3I ($JK = 11$) 368 (2003) 324
Varganov, S.A., R.M. Olson, M.S. Gordon, G. Mills and H. Metiu, Reply to a comment: oxygen adsorption on Au clusters by W.T. Wallace, A.J. Leavitt, and R.J. Whetten 368 (2003) 778
Vaz, M.G.F., see Dei, A. 368 (2003) 162
Vilesov, A.F., see Pörtner, N. 368 (2003) 458
Vinogradov, A.S., see Preobrajenski, A.B. 368 (2003) 125
Vogler, A., see Kunkely, H. 368 (2003) 49
Volpp, H.-R., see Hanf, A. 368 (2003) 445
Vorontsova, I.K., see Abronin, I.A. 368 (2003) 523
Vračko, M., see Randič, M. 368 (2003) 1

Wakabayashi, S., see Yamaji, M. 368 (2003) 41
Wallace, W.T., A.J. Leavitt and R.L. Whetten, Comment on: The adsorption of molecular oxygen on neutral and negative Au_N clusters ($N = 2$–5) [Chem. Phys. Lett. 359 (2002) 493] 368 (2003) 774
Wang, Z., see Qian, G. 368 (2003) 555
Wang, J., see Sun, B. 368 (2003) 412
Wang, H., see Sano, N. 368 (2003) 331
Wang, W.J., see Jian, J.K. 368 (2003) 416
Wang, M., see Qian, G. 368 (2003) 555
Wang, E.G., see Xiao, W. 368 (2003) 527
Wang, X.C., see Ma, H.A. 368 (2003) 668
Wang, W.-C., see Lu, G.-W. 368 (2003) 269
Wang, J.-H., K.-L. Han, G.-Z. He and Z. Li, Ab initio study of reaction mechanism of $C_2 + H_2S$ 368 (2003) 139
Wang, S., Y. Yang, Z. Sun and D.D. Dlott, Fast spectroscopy of energy release in nanometric explosives 368 (2003) 189
Wang, Z.-H., see Lu, G.-W. 368 (2003) 269

Wang, Z., Y. Shimizu, T. Sasaki, K. Kawaguchi, K. Kimura and N. Koshizaki, Catalyst-free fabrication of single crystalline boron nanobelts by laser ablation 368 (2003) 663
Wang, J., C. Liu, Y. Zhang and B. Eliasson, A DFT study of synthesis of acetic acid from methane and carbon dioxide 368 (2003) 313
Ward, M.D., see Asselberghs, I. 368 (2003) 408
Wei, G.-D., see Deng, Y. 368 (2003) 639
Wen, J.G., see Li, W.Z. 368 (2003) 299
Whetten, R.L., see Wallace, W.T. 368 (2003) 774
Wild, J., see Zelinger, Z. 368 (2003) 532
Wodtke, A.M., see Hansen, N. 368 (2003) 568
Worth, G.A. and I. Burghardt, Full quantum mechanical molecular dynamics using Gaussian wavepackets 368 (2003) 502
Wu, Z.J., S.H. Zhou, J.S. Shi and S.Y. Zhang, Geometries and electronic properties of Au_nPd^m ($n = 1$–4, $m = -1$, 0, 1) clusters 368 (2003) 153

Xia, H., see Sun, B. 368 (2003) 412
Xia, H.-R., see Lu, G.-W. 368 (2003) 269
Xiao, L., H. Shimotani, N. Dragoe, A. Sugita, K. Saigo, Y. Iwasa and T. Kobayashi, Photoinduced electron transfer and enhanced fluorescence of C_{60} pearl-necklace polymers 368 (2003) 738
Xiao, W., Q. Guo and E.G. Wang, Transformation of CeO_2(1 1 1) to Ce_2O_3(0 0 0 1) films 368 (2003) 527
Xie, X.-G., N.-H. Shi, S. Ye and H. Cao, Theoretical study on the reaction of the $^1\Sigma^+$ ground state of ScS^+ with oxygen-transfer reagent: $ScS^+ + COS \rightarrow ScO^+ + CS_2$ in the gas phase 368 (2003) 195
Xie, S.-Y., see Jiang, Z.-Y. 368 (2003) 425
Xie, R.-H., G.W. Bryant and V.H. Smith Jr., Electronic, vibrational and magnetic properties of a novel $C_{48}N_{12}$ aza-fullerene 368 (2003) 486
Xie, Z.-X., see Jiang, Z.-Y. 368 (2003) 425
Xie, D., X. Ma and J. Zeng, Medium effects on the lowest $^1(n, \pi^*)$ excitation of 1,2,3-triazine in water 368 (2003) 377

Yamaji, M., S. Wakabayashi, S. Ueda, H. Shizuka and S. Tobita, Laser photolysis studies of endoergonic triplet energy transfer in solution by observing the carbon–sulfur bond cleavage of triplet-sensitized naphthylmethyl phenyl sulfide 368 (2003) 41
Yamamoto, T., T. Manaka and M. Iwamoto, Electrostatic charge effect on the orientational distribution of molecules on the water surface 368 (2003) 370
Yang, H.-S., see Kim, D.-H. 368 (2003) 439
Yang, Y., see Qian, G. 368 (2003) 555
Yang, C., see Qian, G. 368 (2003) 555
Yang, Z., see Qian, G. 368 (2003) 555
Yang, Y., see Wang, S. 368 (2003) 189
Ye, S., see Xie, X.-G. 368 (2003) 195

Zawodzinski Jr., T.A., see Eikerling, M. 368 (2003) 108
Zelinger, Z., P. Kubát and J. Wild, Unusual kinetics of ions in a discharge plasma: ambipolar diffusion and mobilities of ArD^+ in argon, helium and neon 368 (2003) 532
Zeng, H., see Qu, S. 368 (2003) 352

Zeng, J., see Xie, D. 368 (2003) 377
Zhang, L.D., see Zhu, R. 368 (2003) 696
Zhang, S., see Che, R. 368 (2003) 20
Zhang, X.-H., see Jiang, Z.-Y. 368 (2003) 425
Zhang, B., see Gador, N. 368 (2003) 202
Zhang, J., see Sun, B. 368 (2003) 412
Zhang, S.Y., see Wu, Z.J. 368 (2003) 153
Zhang, H., see Toele, P. 368 (2003) 66
Zhang, X., see Sun, B. 368 (2003) 412
Zhang, H.-J., see Lu, G.-W. 368 (2003) 269
Zhang, Q.Y., K. Pita, C.K.F. Ho, N.Q. Ngo, L.P. Zuo and S. Takahashi, Low optical loss germanosilicate planar waveguides by low-pressure inductively coupled plasma-enhanced chemical vapor deposition 368 (2003) 183
Zhang, Y., see Wang, J. 368 (2003) 313
Zhang, X.N., see Jian, J.K. 368 (2003) 416
Zhao, C., see Qu, S. 368 (2003) 352
Zheng, L.-S., see Jiang, Z.-Y. 368 (2003) 425
Zhou, S.H., see Wu, Z.J. 368 (2003) 153
Zhu, P.W., see Ma, H.A. 368 (2003) 668
Zhu, C., see Qu, S. 368 (2003) 352
Zhu, R., Y.T. Pang, Y.S. Feng, G.H. Fu, Y. Li and L.D. Zhang, Fabrication and magnetic behaviour of Co film with ordered nanodot arrays 368 (2003) 696
Zou, G.T., see Ma, H.A. 368 (2003) 668
Zou, S. and J.M. Bowman, A new ab initio potential energy surface describing acetylene/vinylidene isomerization 368 (2003) 421
Zuo, L.P., see Zhang, Q.Y. 368 (2003) 183